

ABSTRACT OF DISCLOSURE

An apparatus for controlling one or more cameras is provided. The apparatus includes: a mounting sled, a tilt drive motor, a tilt drive train, a pan drive motor, and a pan drive train. The mounting sled includes a sled top between two sled runners. A lower surface of each sled runner is formed by a circular arc. The tilt drive train includes a tilt drive shaft having an axis perpendicular to the sled top. The pan drive train includes a pan drive shaft extending along the axis of the tilt drive shaft such that it receives the tilt drive shaft and turns independently and concentrically about the tilt drive shaft. The sled top receives a camera such that the center of gravity of the camera is aligned with the diameter of the circular arc of the sled runners and the vertical axis of the tilt and pan drive shafts.